Lake 1 Transect

Date: 8/15/90

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 1. A wooden square measuring two feet on each side was used as a plot. Twenty plots were randomly located from north to south. Five steps were taken and the plot was tossed. When it landed, the total percent occupancy of all vegetation (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	47	2.35
Sawgrass	107	5.35
Millet	43	2.15
Marshmallow	2	0.10
Needle rush	279	13.95
White water lilly	3	0.15
Spike rush	94	4.70
Arrow head	3	0.15
Coontail*	3(plots)	15%
Eelgrass*	2(plots)	10%

*Submergents were recorded if present within the plot. Individual stem counts were not made.

Lake 2 Transect

Date: 8/13/90

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 2. A wooden square measuring two feet on each side was used as a plot. Twenty plots were randomly located from north to south. Five steps were taken and the plot was tossed. When it landed, the total percent occupancy of all vegetation (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	153	7.65
Sawgrass	323	16.15
Marshmallow	7	0.35
American lotus	1	0.05

Lake 3 Transect

Date: 8/13/90

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 3. A wooden square measuring two feet on each side was used as a plot. Fourteen plots were randomly located from north to south. Five steps were taken and the plot was tossed. When it landed, the total percent occupancy of all vegetation (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	29	2.07
Juncus	875	62.50
Marshmallow	19	1.36
Sawgrass	47	3.36
Softstem bulrush	25	1.79
Arrowhead	10	0.71
Millet	7	0.50

Oyster Pond Transect

Date: 8/15/90

Method

A transect, marked by a metal pole at each end, was established on the south side of Oyster Pond. A wooden square measuring two feet on each side was used as a plot. Twenty-five plots were randomly located from south to north. Five steps were taken and the plot was tossed. When it landed the total percent occupancy of all vegetation (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	35	1.40
Millet	252	10.08
Neddle rush	320	12.80
Softstem bulrush	1310	52.40
Sawgrass	4	0.16